

09498502 PINTO CREEK NEAR MIAMI, AZ

LOCATION--Lat 33°29'16", long 110°59'41", in NW1/4SW1/4NW1/4 sec. 25, T.2 S., R.13 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, 2 mi downstream from West Pinto Creek, in Tonto National Forest, 0.5 mi downstream from Forest Road No. 287 crossing of Pinto Creek, approximately 12 mi northwest of Miami, AZ, on the right bank side, at Pinto Valley weir.

DRAINAGE AREA--102 mi².

PERIOD OF RECORD--Oct. 1994 to current year.

GAGE--Water-stage recorder. Elevation of gage is 2,820 ft above sea level, from topographic map.

REMARKS--Records fair except for estimated daily discharges, which are poor. Some flows may be affected by pumpage from many upstream wells.

EXTREMES FOR PERIOD OF RECORD--Maximum discharge, 7,380 ft³/s, Feb. 12, 2005, at gage height 11.05 ft from slope-area measurement of peak flow. No flow at times.

EXTREMES FOR CURRENT YEAR--Peak discharges greater than base discharge of 200 ft³/s and/or maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 29.....	1815	879	5.10	Feb. 20.....	0430	629	5.73
Jan. 4.....	1315	4,560	8.77	Feb. 22.....	0615	659	5.78
Feb. 12.....	1030 (e)	7,380*	11.05*	Aug. 12.....	1930	251	4.96

Minimum daily discharge, 0.95 ft³/s, Oct. 20.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.98	0.96	1.1	5.9	21	71	14	7.3	5.4	4.0	e4.0	e2.6
2	0.99	0.98	1.1	2.5	17	61	14	7.1	5.5	3.9	e3.5	2.6
3	1.0	1.0	1.1	545	15	e49	14	7.0	5.8	3.7	e3.3	2.6
4	0.99	1.0	1.1	3200	13	e42	13	7.0	5.7	3.8	e3.3	2.6
5	0.99	1.00	1.1	840	12	e70	13	6.8	5.4	3.7	e3.2	2.6
6	0.97	1.0	1.1	157	11	125	12	6.5	5.7	3.7	e3.2	2.6
7	0.96	1.0	1.1	94	13	101	12	6.5	5.3	3.7	e3.2	8.8
8	0.96	1.1	1.1	81	15	92	12	6.4	5.3	3.7	e3.1	9.2
9	0.96	1.1	1.1	41	12	75	11	6.3	5.5	3.7	18	3.3
10	0.99	1.1	1.2	22	12	58	11	6.3	5.6	3.7	9.6	3.5
11	1.0	1.0	1.2	17	e1820	e49	11	6.4	5.6	3.6	4.6	2.7
12	1.00	1.0	1.2	13	e4960	e44	11	6.2	5.6	3.8	25	2.4
13	0.97	1.0	1.2	11	e1570	e39	9.9	5.9	5.4	3.8	17	2.5
14	0.97	1.1	1.2	11	439	e36	9.4	6.0	5.5	3.8	e4.0	2.5
15	0.97	1.1	1.2	9.7	218	e35	9.1	6.1	5.5	3.7	e8.4	2.5
16	0.96	1.1	1.2	9.2	141	e33	8.7	6.0	5.4	3.7	e6.1	2.5
17	0.96	1.0	1.3	8.9	98	e30	8.3	5.9	5.4	3.6	e4.4	2.5
18	0.99	1.0	1.3	8.5	94	e28	8.1	5.9	5.3	3.6	e3.6	2.5
19	0.98	1.1	1.3	8.5	249	e27	7.9	6.0	5.1	3.6	e4.6	2.4
20	0.95	1.1	1.4	8.5	457	e29	7.7	6.0	4.7	3.7	e4.0	2.5
21	1.0	1.1	1.4	8.4	228	e25	7.6	5.6	4.4	3.7	e3.1	2.5
22	1.0	1.2	1.4	8.3	439	e23	7.6	5.5	4.5	3.7	e3.0	2.5
23	0.99	1.1	1.4	8.2	286	21	7.9	5.4	4.7	4.1	e2.9	2.5
24	0.96	1.1	1.4	8.1	182	19	9.9	5.3	4.5	4.5	e2.9	2.5
25	1.00	1.1	1.5	8.0	146	19	10	5.3	4.3	16	e2.9	2.5
26	0.99	1.1	1.5	8.0	111	17	9.0	5.4	4.5	e5.0	e2.8	2.5
27	1.0	1.1	1.5	41	92	16	8.0	5.2	4.5	e4.0	e2.8	2.4
28	1.0	1.1	1.6	53	83	16	7.7	5.1	4.4	e3.5	e2.8	2.5
29	1.0	1.1	215	27	---	15	7.3	5.2	4.3	e3.5	e2.8	2.4
30	0.97	1.1	146	34	---	14	7.4	5.1	4.1	e3.5	e2.7	2.3
31	0.97	---	22	26	---	14	---	5.3	---	e5.5	e2.7	---
TOTAL	30.42	31.84	418.3	5323.7	11754	1293	299.5	186.0	152.9	131.5	167.5	90.0
MEAN	0.98	1.06	13.5	172	420	41.7	9.98	6.00	5.10	4.24	5.40	3.00
MAX	1.0	1.2	215	3200	4960	125	14	7.3	5.8	16	25	9.2
MIN	0.95	0.96	1.1	2.5	11	14	7.3	5.1	4.1	3.5	2.7	2.3
AC-FT	60	63	830	10560	23310	2560	594	369	303	261	332	179
CFSM	0.01	0.01	0.13	1.68	4.12	0.41	0.10	0.06	0.05	0.04	0.05	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)	MEAN	MAX	MIN	(WY)	MEAN	MAX	MIN	(WY)
	2.27	13.0	0.02	2001	3.46	26.1	0.00	1998	3.27	13.5	0.01	1997
	28.5	172	0.26	2005	58.9	420	0.76	1999	25.2	99.8	0.99	1999
	8.11	27.1	0.98	1995	3.55	7.54	0.69	1995	2.64	5.41	0.38	1995
	2.28	4.26	0.20	2001	3.55	16.6	0.18	1996	2.28	4.26	0.18	1996
	1.86	3.56	0.24	2001	1.86	3.56	0.24	1997	1.86	3.56	0.24	1997

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1995 - 2005
ANNUAL TOTAL	1821.80	19878.66	
ANNUAL MEAN	4.98	54.5	11.7
HIGHEST ANNUAL MEAN			54.5 2005
LOWEST ANNUAL MEAN			1.21 1996
HIGHEST DAILY MEAN	665 Mar 5	4960 Feb 12	4960 Feb 12 2005
LOWEST DAILY MEAN	0.93 Jan 21	0.95 Oct 20	0.00 Dec 17 1996
ANNUAL SEVEN-DAY MINIMUM	0.95 Jan 16	0.97 Oct 14	0.00 Dec 17 1996
ANNUAL RUNOFF (AC-FT)	3610	39430	8480
ANNUAL RUNOFF (CFSM)	0.049	0.534	0.115
10 PERCENT EXCEEDS	2.9	49	10
50 PERCENT EXCEEDS	1.3	5.0	1.9
90 PERCENT EXCEEDS	0.99	1.0	0.53

e Estimated